



MEMORANDUM

TO: Mayor Laurel L. Prussing and Members of the City Council
FROM: William R. Gray, Public Works Director
Bradley M. Bennett, Assistant City Engineer
John G. Lyons, Civil Engineer
DATE: March 6, 2014
RE: 2013 Sewer Activity Report Summary

Action Requested

This summary of the 2013 Sewer Activity Report prepared by the Public Works Department is presented for your reference. The full report is available at http://urbanaininois.us/Sanitary_Sewer_System on the City website. The report summary is for informational purposes only and no Council action is required.

Background and Facts

The City of Urbana owns, operates and maintains approximately 103 miles of sanitary sewer and 141 miles of storm sewer. Each year the City performs activities including cleaning, inspections, repairs, and replacement to keep the sewer systems functioning at their optimal capacities. Activities are prioritized based on four criteria:

1. Reported basement back-ups and flooding complaints,
2. Identified locations of problematic sewers by City staff,
3. Locations where City is resurfacing or reconstruction streets, and
4. High cost repair locations such as sewers under railroads, arterial streets, collector streets, and brick streets.

A summary of the sewer related activities completed by the Public Works Department in 2013 is presented in Table 1.

Eleven properties participated in the pavement replacement reimbursement program in 2013, which are shown within Table #2. The number of properties that have participated in the program since 2008 is presented in Figure #1.

**TABLE 1
2013 SEWER ACTIVITIES**

Activity	Quantity	Comments
<u>Rehabilitation Activities</u>		
Sanitary Sewer Pipe Point Repairs	171 l.f.	
Sanitary Sewer Manhole Repairs	0 ea.	
New Sanitary Sewer Manhole Construction	5 ea.	
Storm Sewer Point Repairs	41 l.f.	
Storm Sewer Manhole/Inlet Repairs	4 ea.	
New Storm Sewer Manhole/Inlet Construction	40 ea.	Includes structures from projects
Sanitary Sewer Full Length Lining	0 l.f.	10,700 l.f. to be completed spring 2014
Storm Sewer Full Length Lining	0 l.f.	2,500 l.f. to be completed spring 2014
<u>Maintenance Activities</u>		
Sanitary Sewer Cleaning	135,568 l.f.	
Storm Sewer Cleaning	6,382 l.f.	Additional 28,000 l.f. to be completed spring 2014
Sanitary Sewer Television Inspection	16,913 l.f.	
Storm Sewer Television Inspection	3,955 l.f.	Additional 28,000 l.f. to be completed spring 2014
Inlet and Manhole Cleaning	102 ea.	
Manhole/Inlet Inspections	0 ea.	
Chemical Grease Treatment	30,602 l.f.	Included in sewer cleaning totals
Mechanical Root Treatment	4,096 l.f.	Included in sewer cleaning totals
<u>Sanitary Sewer Blockages</u>		
In Private Service Lines	56 ea.	
In City Owned Mains	47 ea.	
<u>Sanitary Sewer Surcharges</u>		
Reports of Sanitary Sewer Surcharges	35 ea.	
<u>Overhead Sewer Program</u>		
	3 ea.	
<u>Illicit Connections & Discharges</u>		
	1 ea.	
<u>Pavement Reimbursement Program</u>		
	11 ea.	
<u>Hazardous Sump Pump Discharge Elimination</u>		
	2 ea.	
<u>Private to Public Sewer Conversion</u>	1 ea.	Partially converted

FIGURE 1 - PAVEMENT REPLACEMENT REIMBURSEMENT PROGRAM PARTICIPATION SINCE INCEPTION

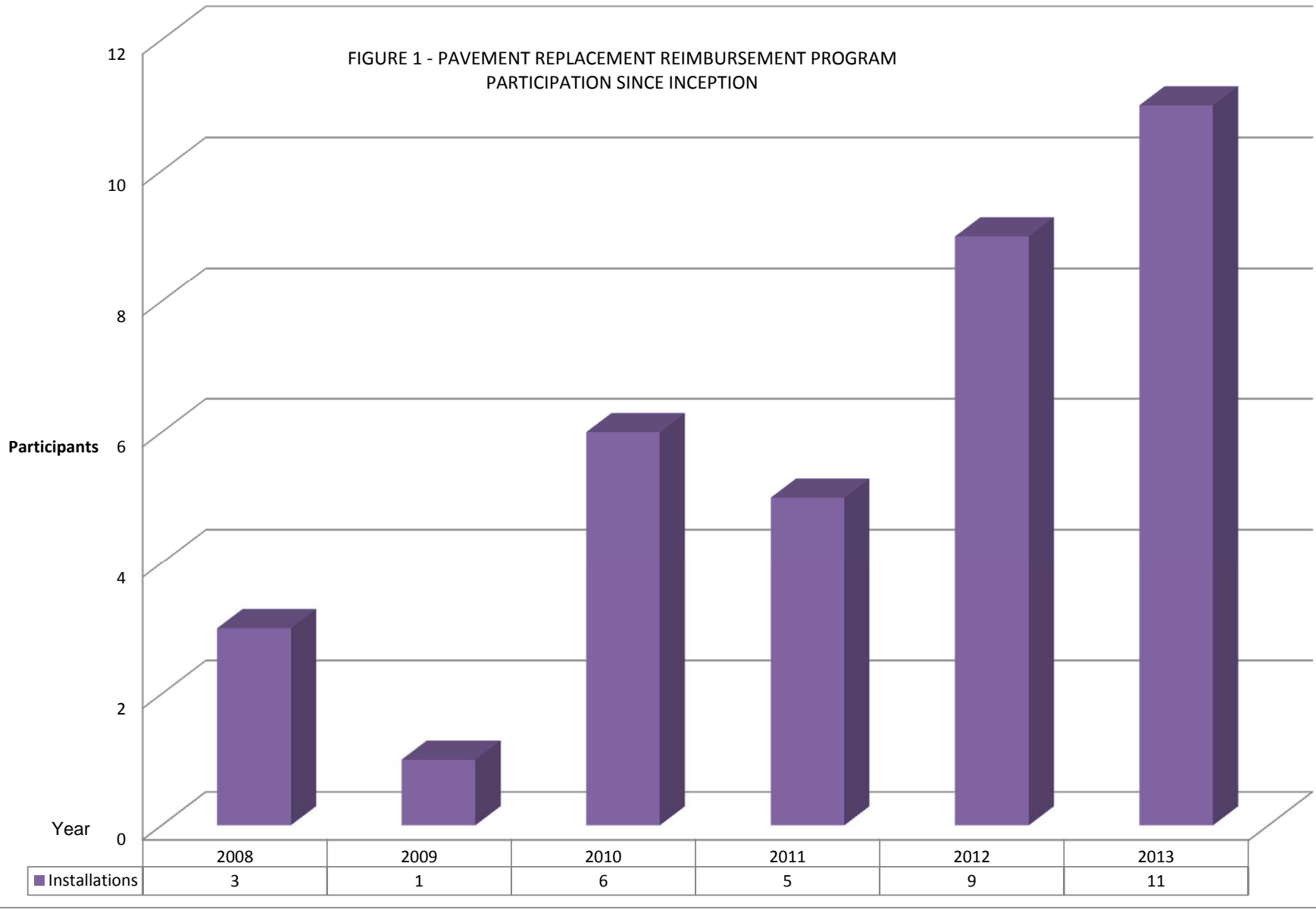


TABLE #2

2013 PAVEMENT REPLACEMENT REIMBURSEMENT PROGRAM PARTICIPATION

Address	Date	Reibursement	Description
211 West Nevada	1/18/2013	\$2,805.00	Sewer lateral broken down
401 North Race Street	2/22/2013	\$1,900.00	Sewer lateral broken down
308 South Johnson Avenue	4/3/2013	\$4,125.00	Sewer lateral broken down
1301 West Tremont	4/15/2013	\$878.25	Sewer lateral broken down
712 S. Wabash	5/13/2013	\$3,013.17	Sewer lateral broken down
1102 N. Gregory Street	7/15/2013	\$2,975.00	Sewer lateral broken down
803 E. Florida Avenue	7/18/2013	\$610.00	Sewer lateral broken down
802 E. Pennsylvania	10/8/2013	\$1,250.00	Sewer lateral broken down
804 S. Cedar Street	10/8/2013	\$4,600.00	Sewer lateral broken down
110 N. Lynn Street	11/14/2013	\$4,550.00	Sewer lateral broken down
707 South Vine Street	12/24/2013	\$5,000.00	Sewer lateral broken down
Totals		\$31,706.42	